

FIG. 1

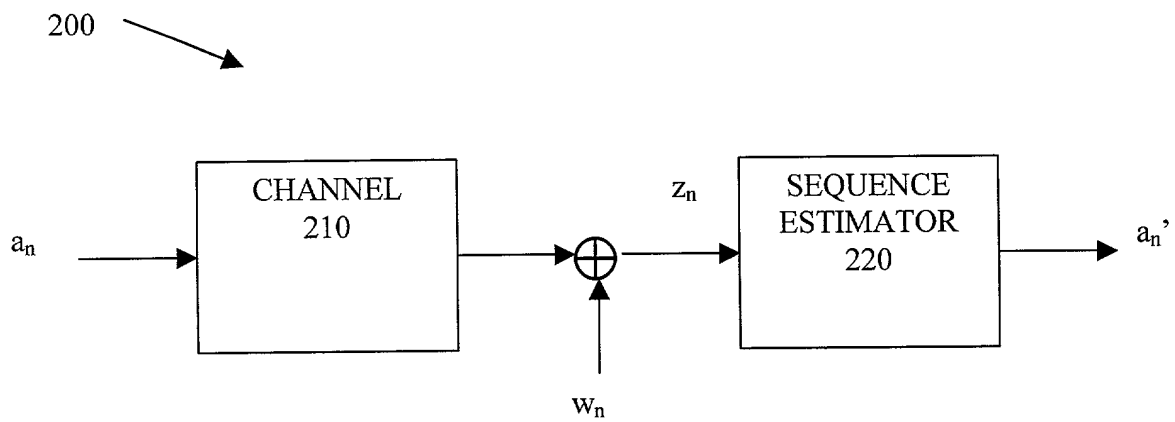


FIG. 2

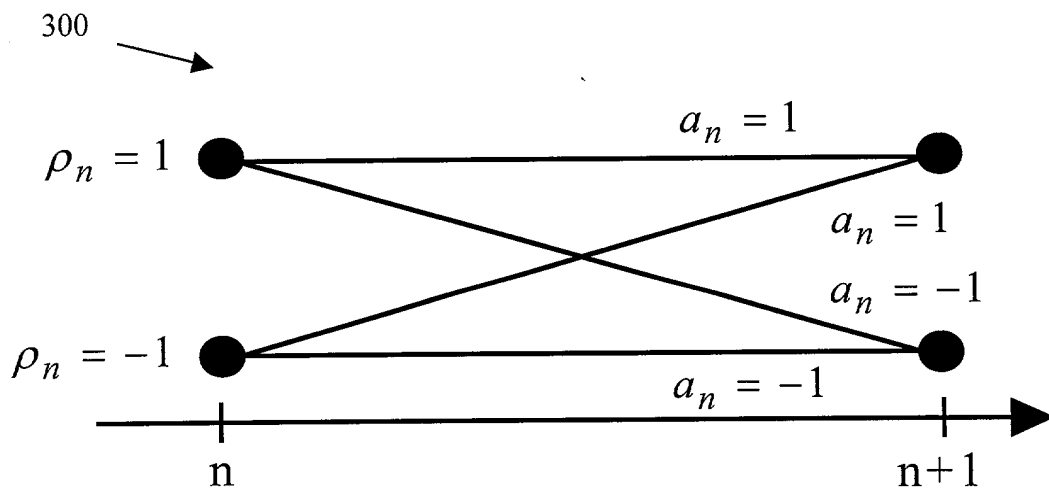


FIG. 3

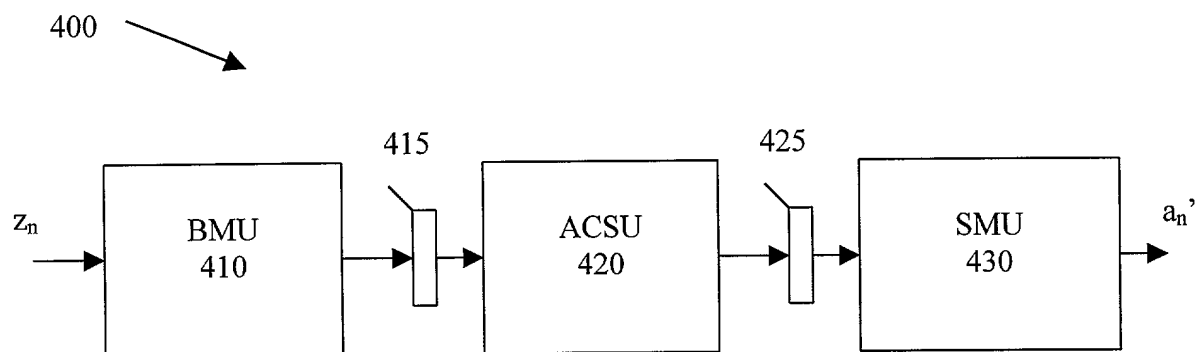


FIG. 4

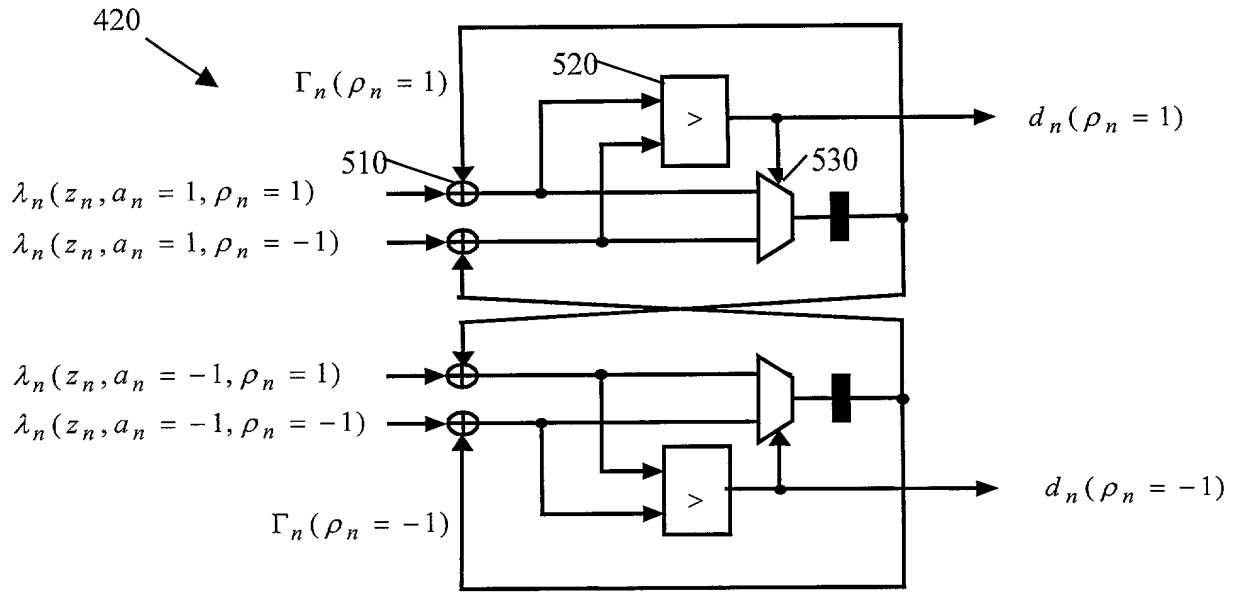


FIG. 5

Complexity and Critical Path Analysis Table -- 600

	MLSE 620	RSSE 630
Complexity		
No. of states:	2^L	2^K
No. of BMs	2^{L+1}	2^{K+1}
ADDs in DFU:	—	$S \times L$
Critical path	2 ADDs 2-to-1 MUX	$L-K+3$ ADDs 2-to-1 MUX LUT SHIFT

FIG. 6

700

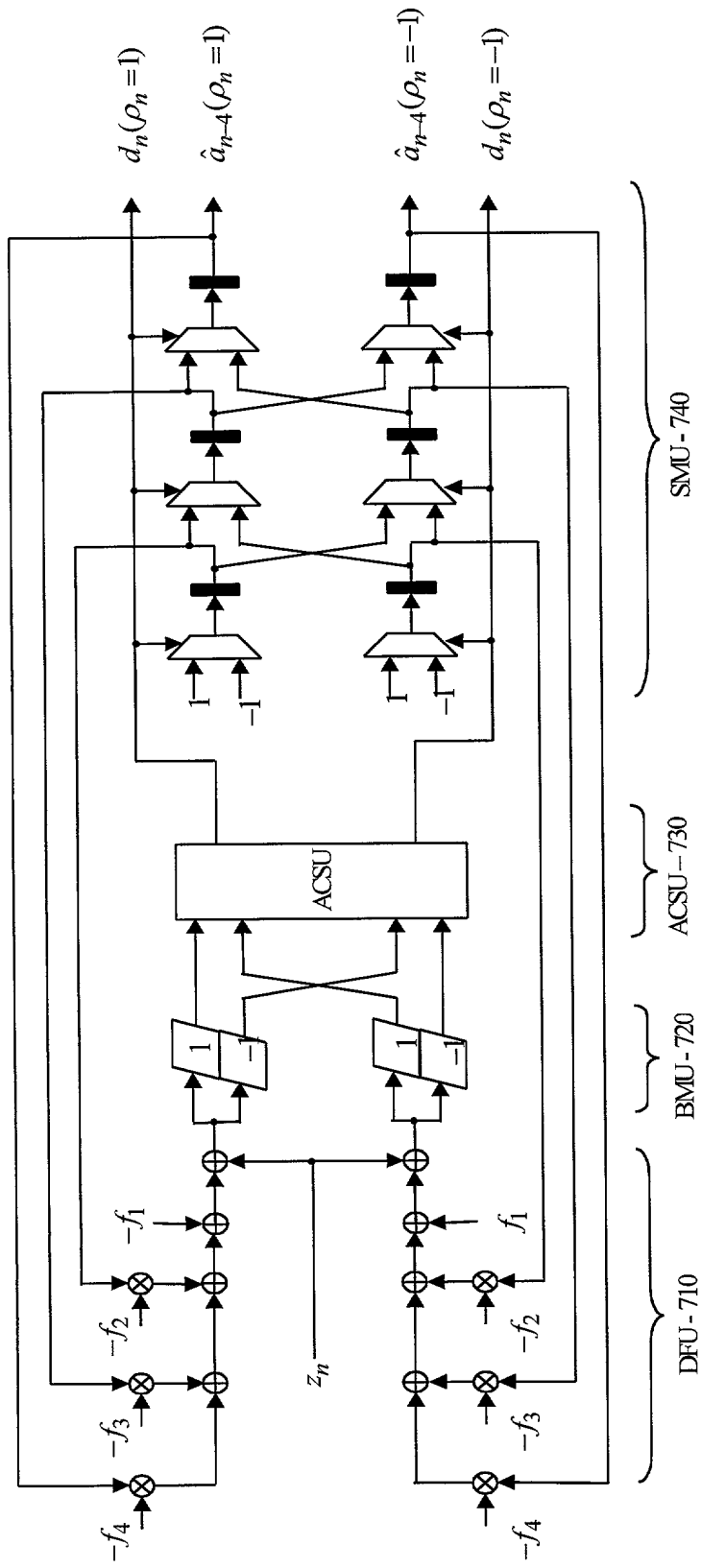


FIG. 7A



FIG. 7B

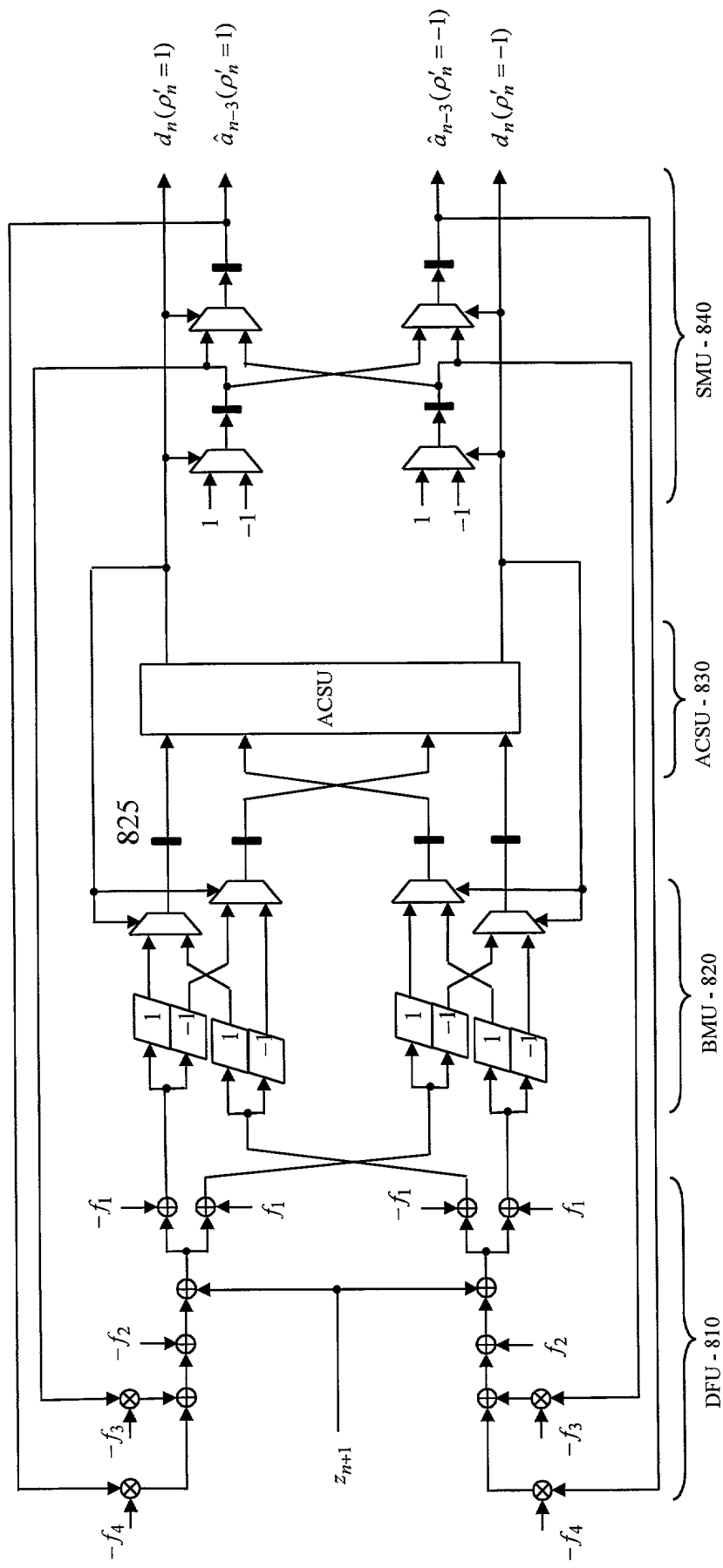


FIG. 8

Complexity and Critical Path Analysis Table of Pipelined RSSE - 1000

	Pipelined RSSE
Complexity	
No. of BMs:	2^{K+2}
ADDs in DFU:	$S \times (L - M + 2M) = S \times (L + M)$
Critical path ($M = L - K$)	2 ADDs 2-to-1 MUX

FIG. 10

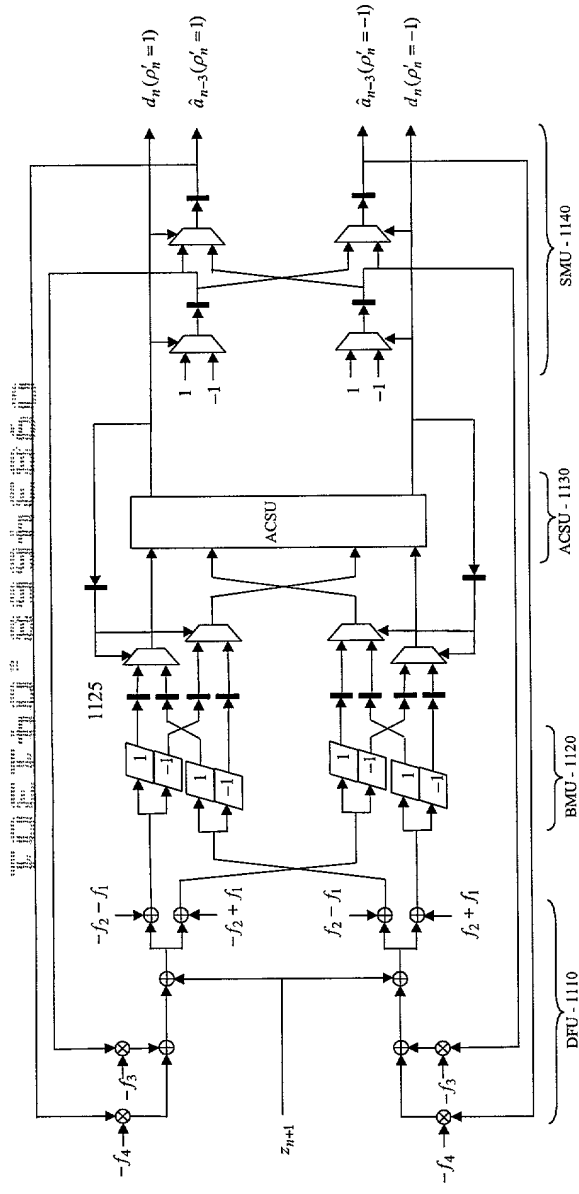


FIG. 11

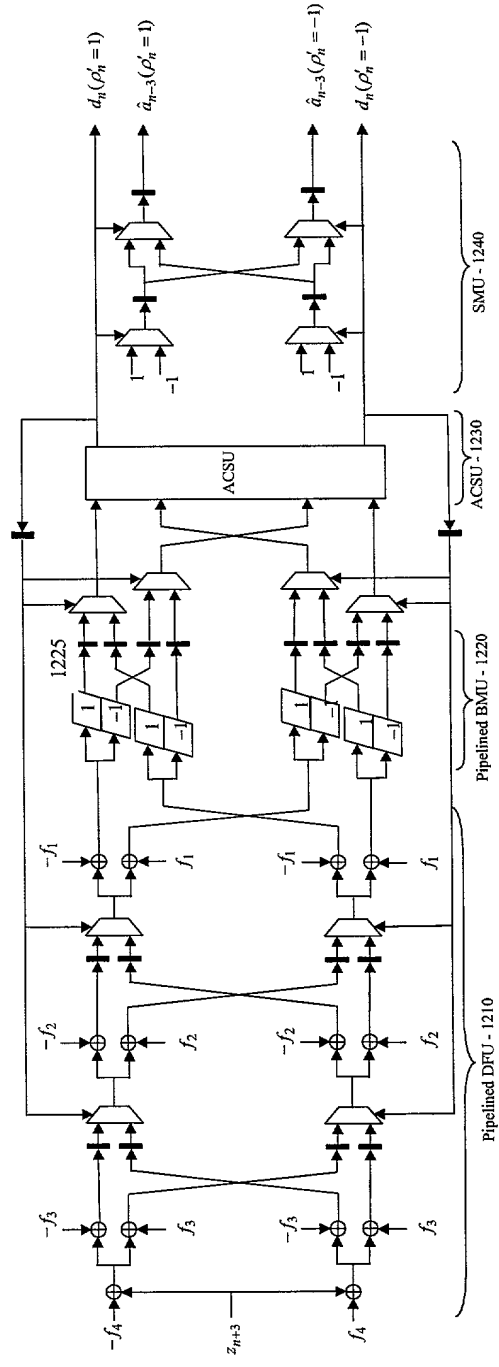


FIG. 12

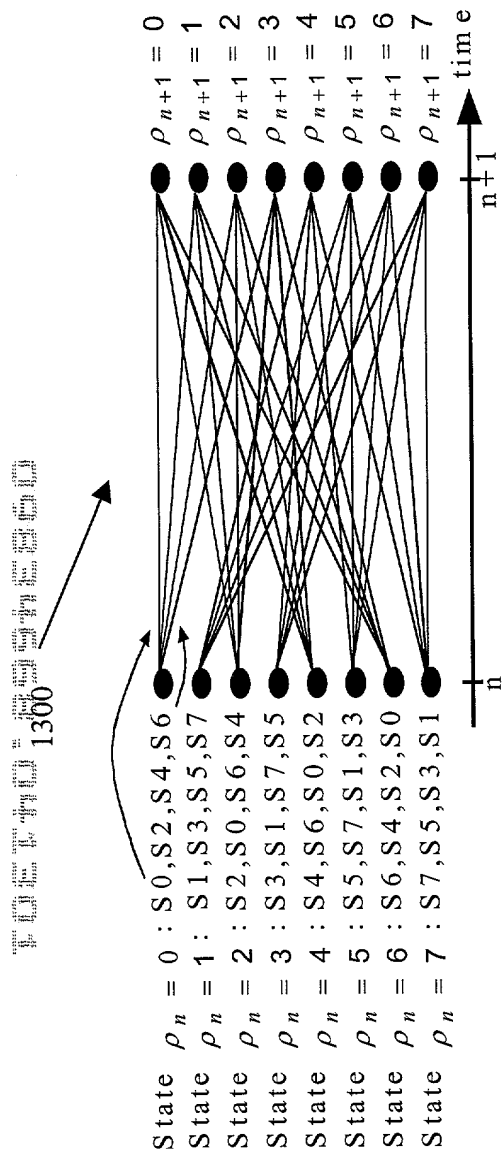


FIG. 13

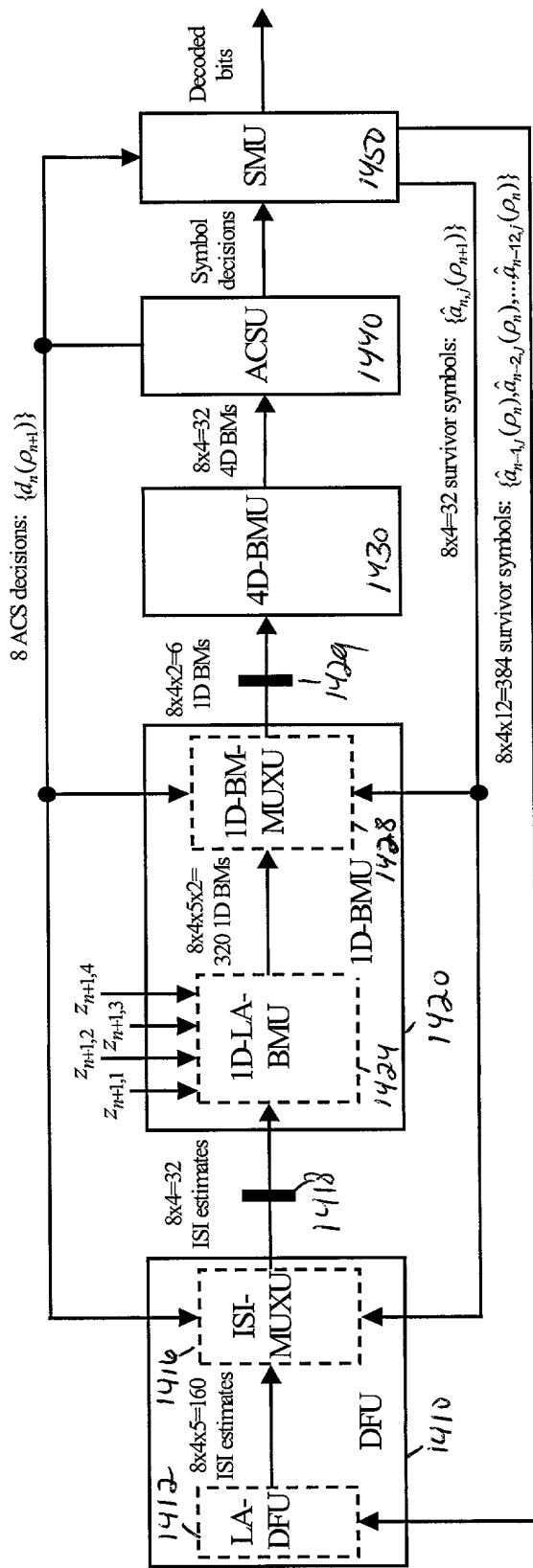


FIG. 14

1412

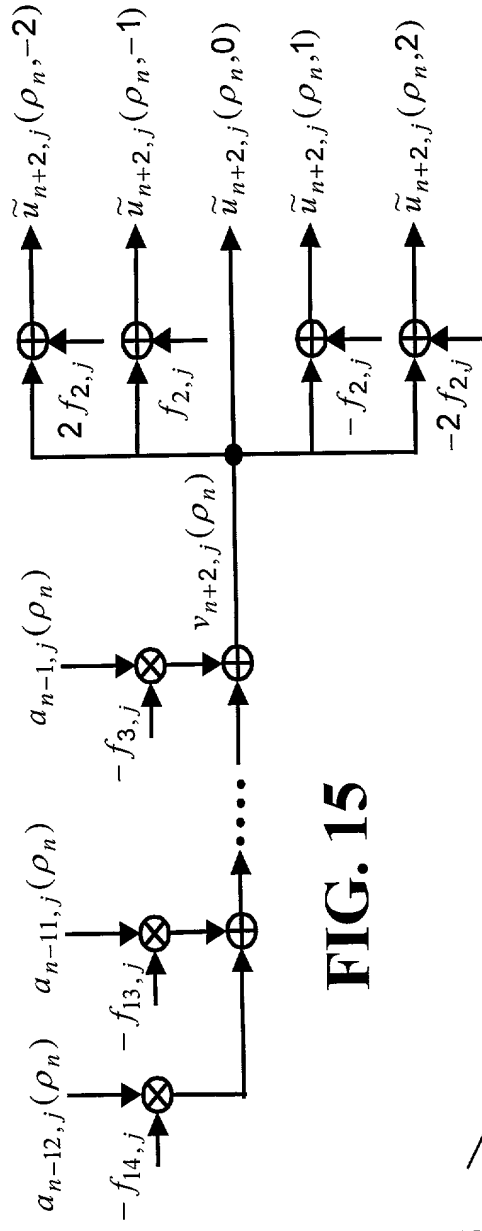


FIG. 15

1416

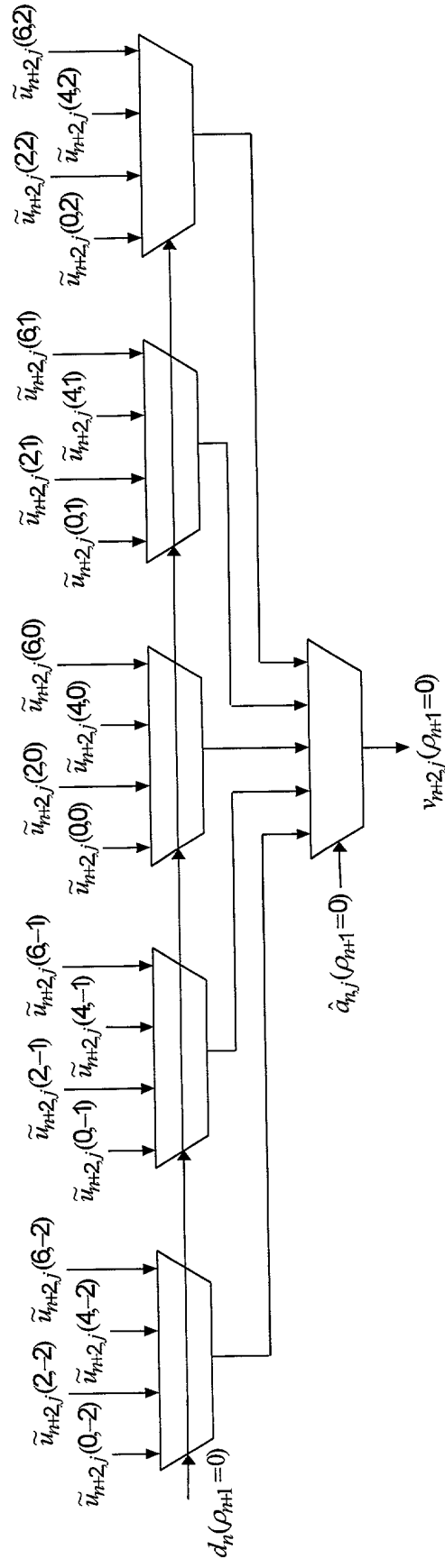


FIG. 16

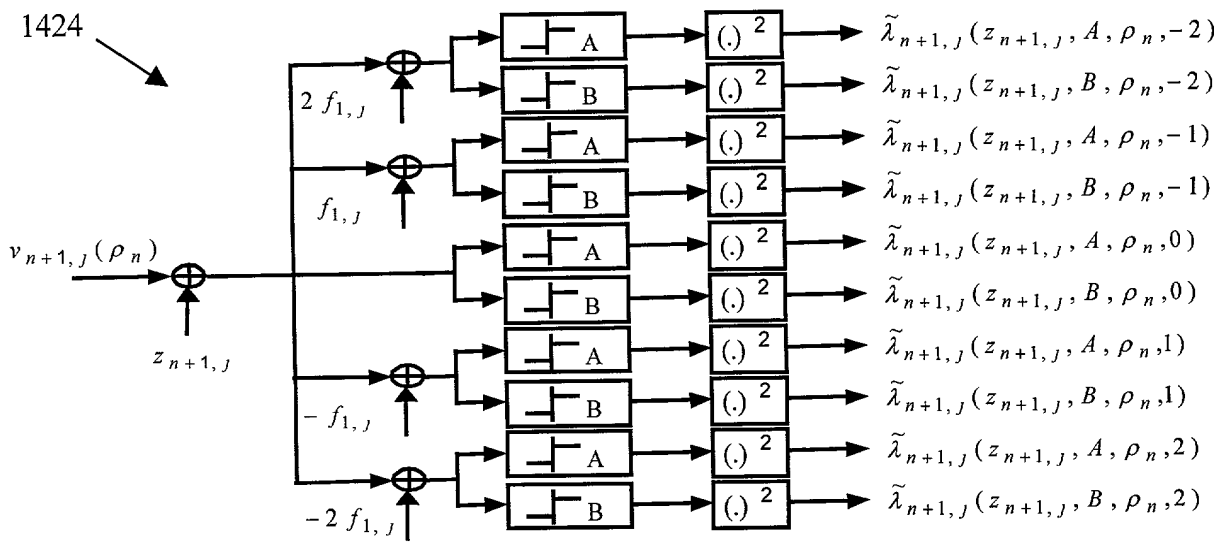


FIG. 17

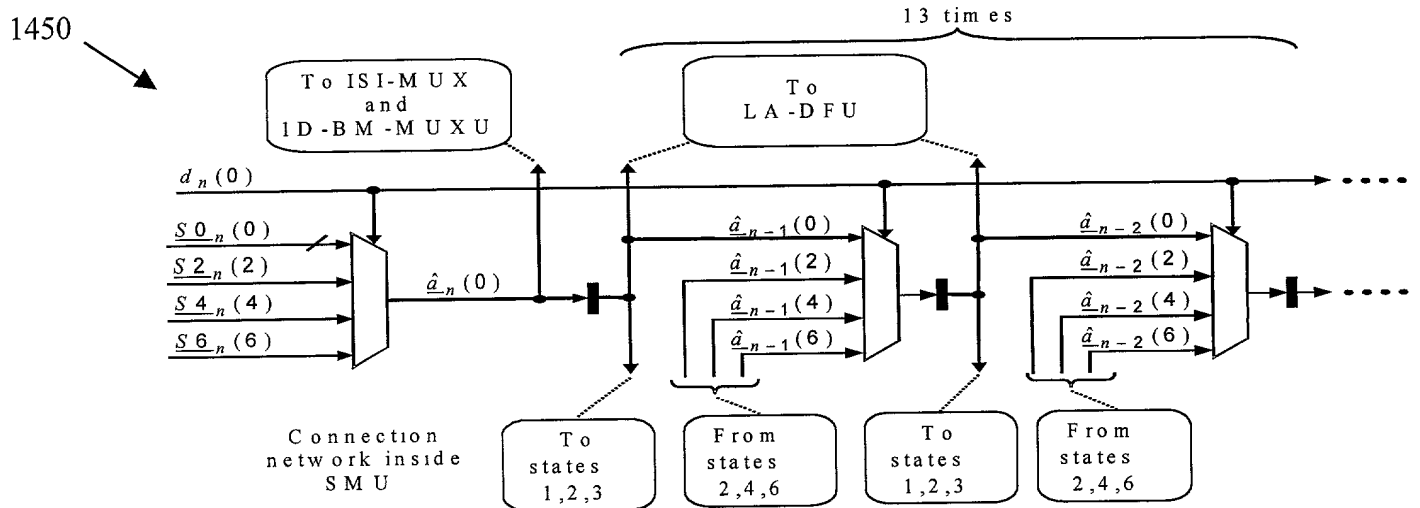


FIG. 18